

# Publications

## International Journal Papers

1. P. Maji and P. Garai, IT2 Fuzzy-Rough Sets and Max Relevance-Max Significance Criterion for Attribute Selection, *IEEE Transactions on Cybernetics*, 45(8):1657-1668, 2015.
2. P. Maji and P. Garai, Simultaneous Feature Selection and Extraction Using Feature Significance, *Fundamenta Informaticae*, 136:405-431, 2015.
3. P. Maji and P. Garai, Fuzzy-Rough Simultaneous Attribute Selection and Feature Extraction Algorithm, *IEEE Transactions on Cybernetics*, 43(4):1166-1177, 2013.
4. P. Maji and P. Garai, On Fuzzy-Rough Attribute Selection: Criteria of Max-Dependency, Max-Relevance, Min-Redundancy, and Max-Significance, *Applied Soft Computing*, 13(9):3968–3980, 2013.

## International Conference Papers

1. P. Garai and P. Maji. Clustering of microRNAs using Rough Hypercuboid based Fuzzy C-Means. In *Proceedings of the 15th International Conference on Information Technology (ICIT '16)*, pages 1–6, Odisha, India, Dec 2016.
2. P. Garai and P. Maji. Identification of Co-Expressed microRNAs Using Rough Hypercuboid Based Interval Type-2 Fuzzy C-Means Algorithm. In *Proceedings of the International Conference on Advanced Computing and Intelligent Engineering (ICA-CIE '16)*, pages 1–10, Odisha, India, Dec 2016.
3. P. Maji and P. Garai. Simultaneous Feature Selection and Extraction Using Fuzzy-Rough Sets. In *Proceedings of the 2nd International Conference on Soft Computing for Problem Solving (SocProS '12)*, pages 115–123, Rajasthan, India, Dec 2012.

4. P. Maji and P. Garai. Fuzzy-Rough MRMS Method for Relevant and Significant Attribute Selection. In *Proceedings of the 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU '12)*, pages 310–320, Catania, Italy, Jul 2012.